OS-easy Card

User's Manual

(Add and Smart Version)

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Warning

Welcome to use OS-easy card. Before you using this product, please read this manual first. This manual is suit for OS-easy Card's Add version, Smart version.

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Product Advantages

1. Part Add Clone function

You can add Clone the software to one group of the computers in the computer lab based on your need, and you can do a Totally Add Clone to all the computers in the next time.

2. Clone continuous:

Some times your cloning is stopped for PC or network malfunctions, but you can continue clone from the break off point by the Clone Continuous Function when the PCs and network is normal in the next time.

3. Faster Clone Speed

OS-easy card breaks through the cloning from 1 to 512 computers, and the speed has reached from 420MB/Min to 546MB/Min.

4. Multi OS

You can install win2000/2003/XP/Linux/Vista in one PC, the Multi Operating System number reaches to 15, which makes one computer lab having multiple environments.

5. IP Inserting and IP Fixing

When modify multi Operating Systems' IP addresses, some computers may not be able to login for malfunction. You

can insert IP to them, which confirm the IP sequence not in disorder. After Net Clone finished, the IP address don't need to modify if you use the IP Fixing function.

6. Enter Supervise Mode (Open Mode) at random

It doesn't affect the Add Clone function when the Master PC and the Client PC are all enter the Supervise Mode (Open Mode) or manually permanent write in data.

7. Dynamic show the malfunction PC

During net clone, you can view all the computers' status, and show the lowest one in the control screen. And you can take actions to them by exactly find the malfunction PC.

8. Buffer Auto Enlarge Technology

You can use the surplus disk space as the dynamic buffer when the static buffer is used up, this totally avoids Blue Screen problem for data overflowing.

9. Network clone auto delay

OS-easy card can intelligently adjust options by the different network environments, which makes net clone in a excellent status, lose packet, lose connection will never happen.

10. Master control function

You can stop the client PCs surfing, lock the screen and so on by the Master Control Function.

Hardware Requirements

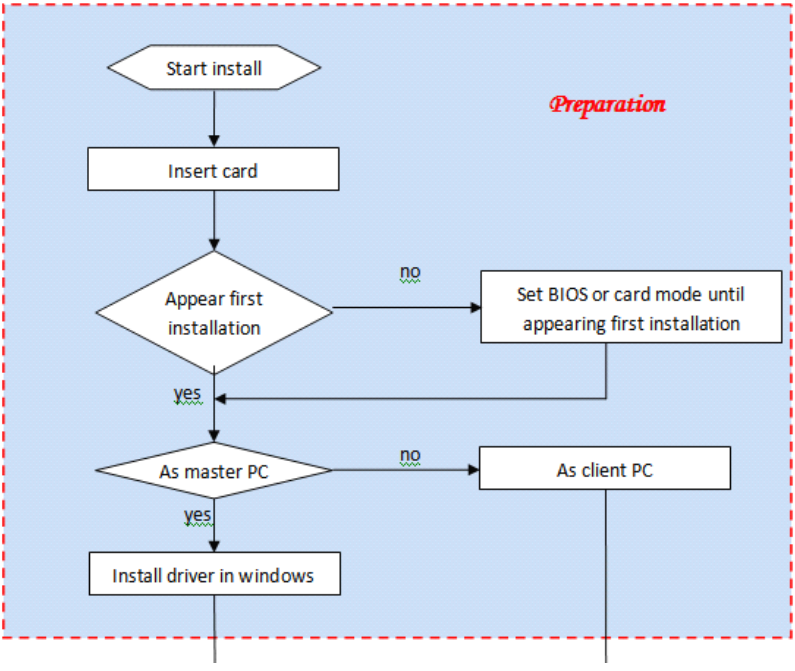
★ 80486 and above compatible PC.
★ Minimum 500 MB of free hard disk space with LBA Support.
★ BIOS must be able to support Hard Disk size over 8.4GB
★ 32MB of Memory
★ One free PCI slot.
★ Color monitor

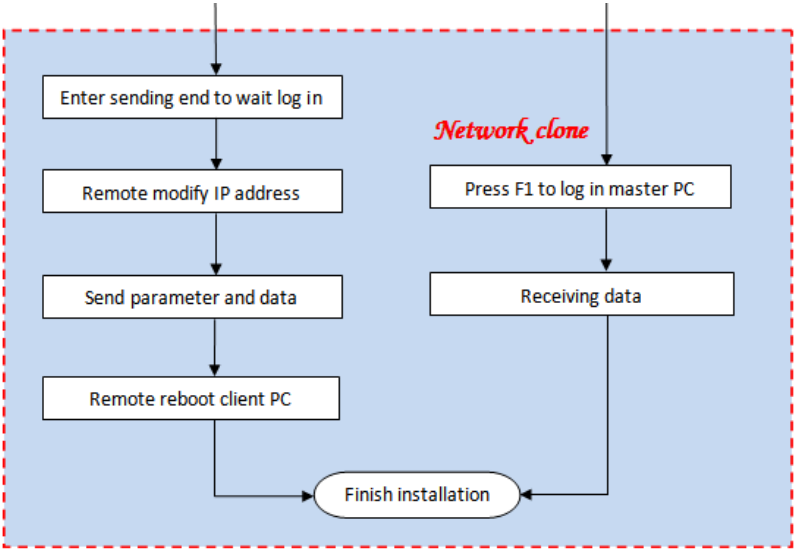
Operating System Support

★ Instant Restore Mode
Support DOS/ 95/98/ /2000/XP/VISTA
★ Backup Restore Mode
Support DOS/ 95/98/ 2000/XP,/VISTA LINUX
★ No Restore Mode
Support DOS/ 95/98/ 2000/XP/VISTA, LINUX

Chapter 1 Installation

1.1. Installation Flow Chart:




Enter sending end to wait log in
Remote modify IP address
Send parameter and data
Remote reboot client PC
Network clone
Press F1 to log in master PC
Receiving data
Finish installation

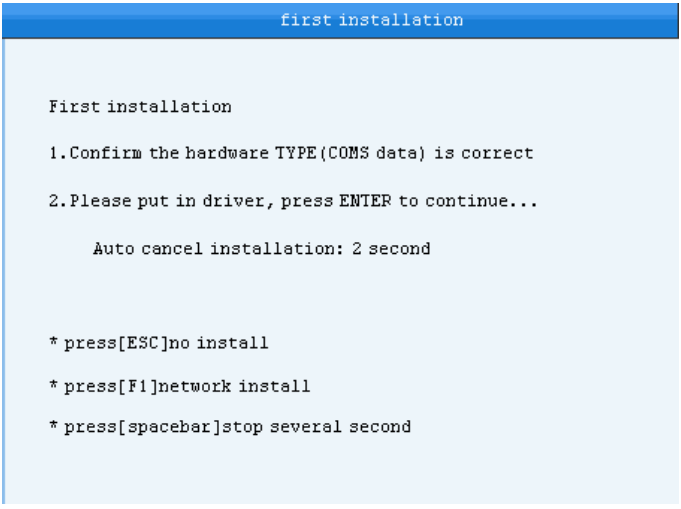
1.2. Before Installation

Before installing, please run the SCANDISK and DISK DEFRAGMENTER utilities provided by Windows for best performance. Also disable any anti-virus programs to avoid any possible conflicts. Some anti-virus programs operating much like viruses and may cause conflicts with the OS-easy card. (Making the OS-easy card think there is a booting virus.)

1.3. Installation

Start computer, you will see OS-easy card's hardware information "Os-easy Restore Card v1.x" after the BIOS testing

menu. And then the first installation will appear as follows.


first installation
First installation
1.Confirm the hardware TYPE(COMS data) is correct
2.Please put in driver, press ENTER to continue...
Auto cancel installation: 2 second
* press[ESC]no install
* press[F1]network install
* press[spacebar]stop several second

If the first installation menu did not appear, you can try to settle from the following methods:

1) Please confirm OS-easy card have firmly inserted in the PCI slot.

2) Modify BIOS boot order option, set “network boot option” as the first boot equipment (for some main board), or set the Boot ROM of main board’s own network card as Enable.

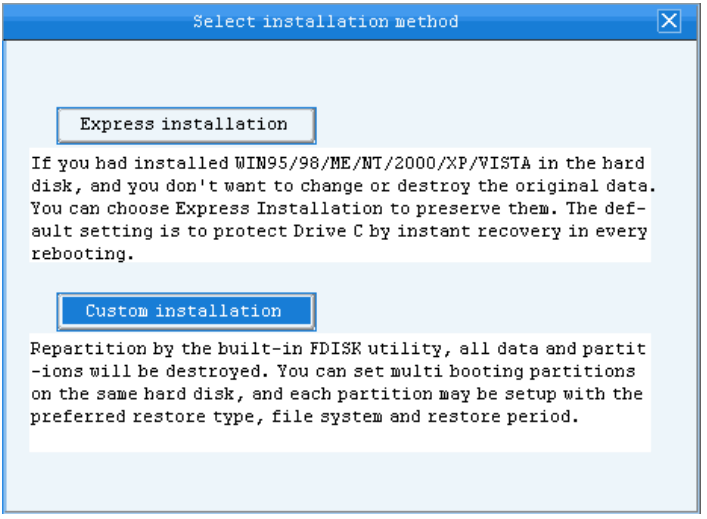
3) Press CTRL+H, it will appear different working modes of OS-easy card. Choose different mode until the first menu come out.

★ at this time, the OS-easy card will not install if you don’t press any key in 30 second or press 【ESC】.

★ press F1 will auto search OS-easy card's Master PC. The Client PC will receive parameters if they find the Master PC, and then wait for receiving data.

★ press 【Space】 at this time, the OS-easy card stop count down, and remain in this menu, wait for your next operation.

★ if this computer is the first one to install OS-easy card in the network, please put the drive in the CD-ROM, press ENTER, OS-easy card will read the CD-ROM, and then installation method appears as follows:


Select installation method
Express installation
If you had installed WIN95/98/ME/NT/2000/XP/VISTA in the hard disk, and you don't want to change or destroy the original data. You can choose Express Installation to preserve them. The default setting is to protect Drive C by instant recovery in every rebooting.
Custom installation
Repartition by the built-in FDISK utility, all data and partit-ions will be destroyed. You can set multi booting partitions on the same hard disk, and each partition may be setup with the preferred restore type, file system and restore period.

1.3.1. Express installation:

If you had installed WIN95/98/ME/NT/2000/XP/VISTA in the hard disk and you don't want to change or destroy the original data. You can choose Express Installation to preserve

them. The default setting is to protect Drive C by instant recovery in every rebooting.

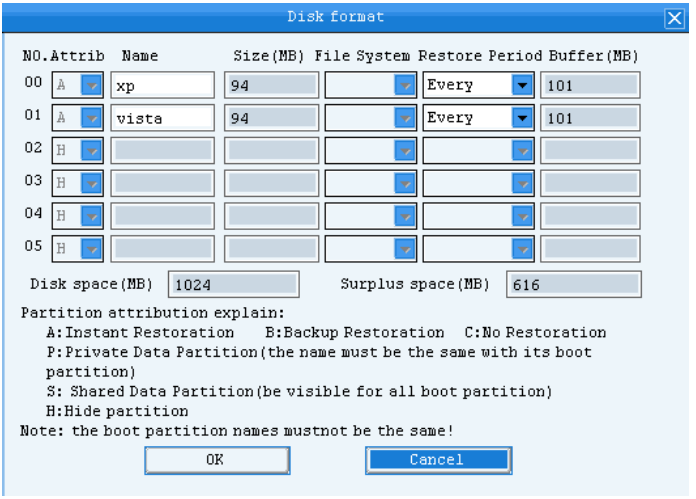
Express installation steps:

1) choose 【Express Installation】;
2) press any key to reboot when appears 【finish】;

1.3.2. Custom installation:

Repartition by the built-in FDISK utility, all data and partitions will be destroyed. You can set multi booting partitions on the same hard disk, and each partition may be setup with the preferred restore type, file system and restore period.

Custom installation's FDISK is as follows:


Disk format
NO. Attrib Name Size(MB) File System Restore Period Buffer(MB)
00 A xp 94 Every 101
01 A vista 94 Every 101
02 H
03 H
04 H
05 H
Disk space(MB) 1024
Surplus space(MB) 616
Partition attribution explain:
A:Instant Restoration B:Backup Restoration C:No Restoration
P:Private Data Partition(the name must be the same with its boot partition)
S: Shared Data Partition(be visible for all boot partition)
H:Hide partition
Note: the boot partition names mustnot be the same!
OK
Cancel

OS-easy card supports up to 30 partitions, please repartition by the hardware capacity by your actual need.

Set method:

Click the option to choose by mouse, or move the cursor to the option, press ENTER to change. Please press ENTER key to save and exit.

1.3.2.1. Attribution (Partition Type):

Attribution： Means the partitions' restore type. Once it has been set, you cannot change, except to do a total disk repartition. It contains the following method:

A: Instant Restoration:

Within this partition type, all changes will be instantly restored to its original state with a simple reboot. Various restore period are provided, including Not Use, Every, Manually Daily, Weekly, Monthly. Supports Dos/Win95/98/ME/NT/2000/XP/VISTA.

B: Backup Restoration:

Setup this partition type, you can backup data manually, or restore the original data with preset schedules. Support all Operating Systems in the market.

C: No Restoration:

This partition type is totally open, no protection or backup function is provided. Any changes done in this partition will permanently remain.

P: Private Data Partition:

This partition type will only be visible for the boot partition with the same name in the setup menu. It will be invisible when booting from any other partitions. This is excellent for constantly changing data that is exclusive to one OS. (Logs, etc.) For example, if the name of boot partition is【WinVISTA】, then the name of its private data partition must be 【WinVISTA】 as well.

S: Shared Data Partition:

This partition type will be visible for every partition you choosed to boot from, Excellent for sharing data between different OS. (Documents, etc.)

F、Hide Partition（H）:

This partition type will be invisible for every OS.

1.3.2.2. Name: Identify the partition in OS-easy card boot menu. The length is 1 to 10 characters.

1.3.2.3. Size: Partition size can set as xxxxxMB

1.3.2.4. File System: Choose appropriate file system for each OS

FAT32: Support WinNT/2000 versions (Recommended)

FAT16: Supports hardware under 8.4GB. Total partition size cannot be more than 2000MB.

NTFS: You'd better choose this method for more than 30G partitions, supports WIN NT/2000/XP/2003/Vista

EXT: Be suit for LINUX main sector document system.

1.3.2.5. Restore Period: System data recovery

1.3.2.5.1. Instant restore boot partition:

Not use: not restore and not use auto clear

Every: The system will be instantly restored to its original state with every reboot.

Manually: Every access writes to the hard disk will be kept temporarily. The system will be restored to its original status by pressing 【trl+r】 by password.

Daily: The system will be instantly restored to its original state at the first boot of every day.

Weekly: The system will be auto restored to its original status at the first boot of every week.

Monthly: The system will be auto restored to its original state at the first boot of date 1st every month.

1.3.2.5.2. Private:

Unprotect: Not Use restore function

With System: Private data partition will follow the restore period of its boot partition.

1.3.2.5.3. Share partition:

Not use: not restore and not use auto clear

Manually clear: Every access writes to the hard disk will be

kept temporarily. The system will be restored to its original status by pressing 【trl+r】 by the password.

Every: The system will be instantly restored to its original state with every reboot.

Daily: The system will be instantly restored to its original state at the first boot of every day.

Weekly: The system will be auto restored to its original status at the first boot of every week.

Monthly: The system will be auto restored to its original state at the first boot of date 1st every month.

Note：

1) The “unprotect” mode partition cannot be modified to “protect” , and the “protect” mode can be set as “unprotect”, so “protect” is recommended.

2) The restore period can be modified at any time in the “protect” partition.

3) The “protect” mode partition cannot be modified to “unprotect” when Add Clone talk is established. Except you “cancel Add Clone talk” by press F10.

1.3.2.6. Buffer:

Type A (Instant Restoration): Maximum size is 9993MB and Minimum is 101MB. Default value is the Minimum size. Recommend to set a larger size if the hardware space is big enough.

Type B (Backup Restoration): Requires a buffer zone that is equal in size to the protected partition as the backup buffer. The buffer zone will be automatically reserved within the remaining not partitioned hard disk space.

1.3.3. Operating System installation:

It will appear the menu as follows when rebooting computer:

Appear hotkey explaining by pressing F2

1.3.3.1. Hotkey explains:

1) F10: Enter OS-easy card 【options】
2) F8: Enter add clone
3) Ctrl+Enter: Enter windows in Administrator Mode, system is unprotected, you can install software、change the settings
4) Ctrl+B Execute Backup function to this partition
5) Ctrl+R Execute Restore function to this partition
6) Ctrl+K Enter OS and save the past modification

Please press up/down key to choose the boot partition, OS-easy card will be accord to the following steps to install operating system.

Note: you must prepare a boot Compact Disc or floppy

disk to start computer and format every partition (contain boot partition and other partition), because the hardware has repartitioned.

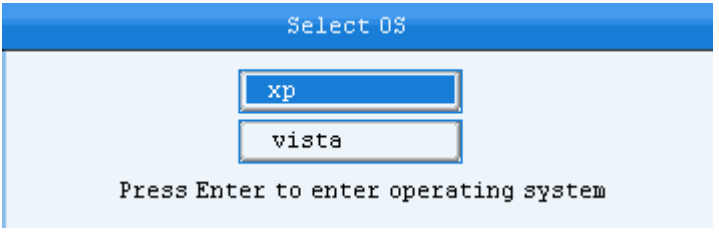
1.3.3.2. Install Operating System:

Press【Ctrl+Enter】, input administrators password(default is Enter), format hard disk, install DOS/WIN NT/2000/XP/2003/Vista and so on.

Please read chapter 3 after installation.

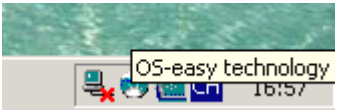
1.3.4. Install drive in the Operating System

Reboot computer, you will see menu as follows:

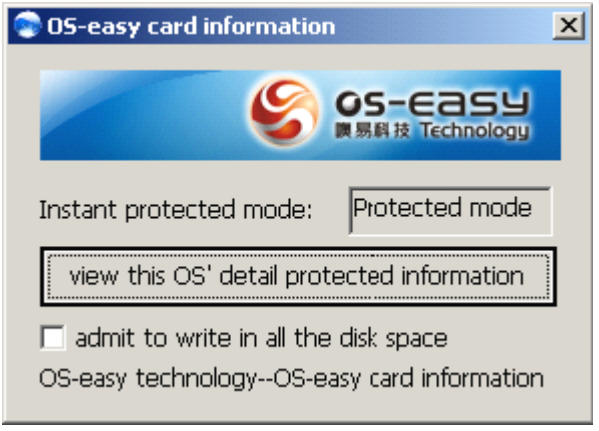


Please press 【Ctrl+Enter】, input password (default is Enter) to enter Operating System in administrator mode. Execute SETUP.EXE in the driver, click “next” to finish the installation.

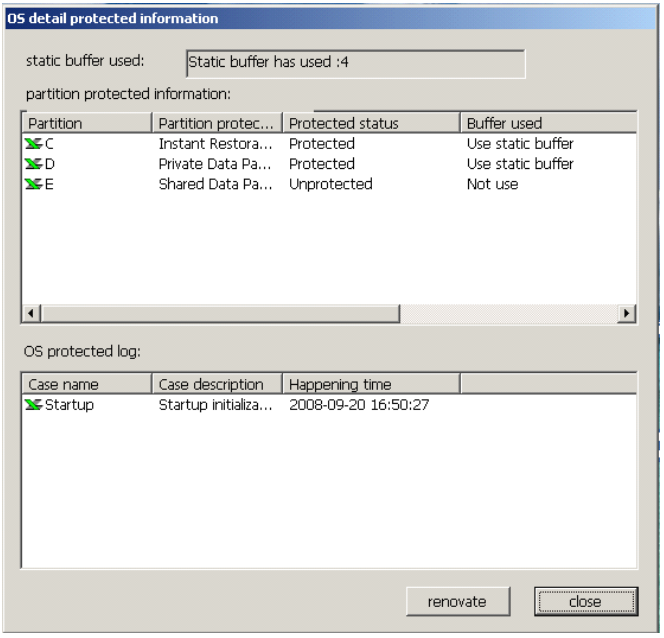
Reboot the computer, there will be an icon in the taskbar, it include OS-easy card information, as follows:



Click the icon, it will appear the picture as follows:



The instant protect mode is the OS-easy card's working mode, and click "view this OS' detail protected information", it appears information as follows:



In this interface, you can see protection mode, protection status, buffer usage, and System protection log.

Chapter 2 Network Installation And Net Clone

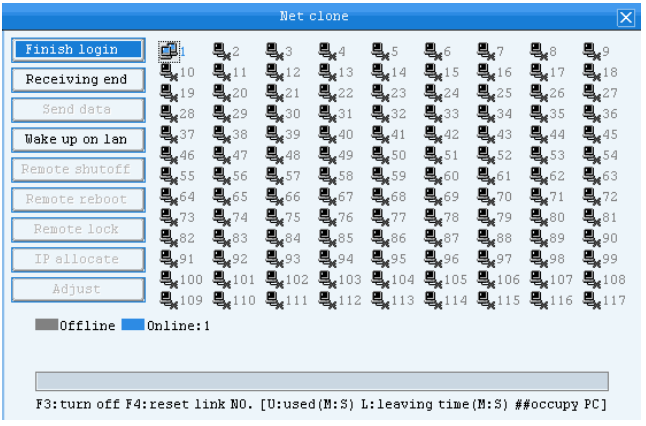
OS-easy card has the network online cloning program, you can network install the system and manage it.

First, you must install the Operating System and software by

the “Express installation” or “Custom installation”, and set as “Master PC”.

2.1. Enter Net Clone

After installed the OS and the needed software, set this computer as the Master PC then press 【F10】 when the OS-easy card boot menu appears, enter 【Settings】, choose 【Netclone】, and click 【Wait for login】. It appears as follows:



Explain:

Client PC： Set this computer as Client PC, prepare to receive data.

Wake up on lan: Remote start the computers by the Master PC, you do not need to start one by one.

Please **note** by using this function:

1) Use ATX POWER.
2) The main board must support Wake up On LAN.
3) Link the OS-easy card to the main board's Wake up on LAN（WOL）slot（up to PCI2.1 main board support WOL if not linked）.

Waiting Client PC to login after choose "wait for login" in the sending computer.

2.2. Enter Client PC

1) If the Client PC not install driver. Please press F1 in OS-easy card's first boot menu to link to the Master PC.

2) If the Client PC has installed drive, reboot computer,

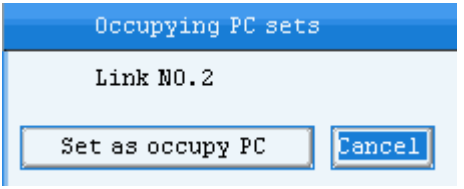
a) It will auto inspect the Master PC (auto link function has made use of)
b) Press F10 during the OS-easy card's boot menu, choose NetClone, and set as "Client PC" (auto link function has not made use of)

2.3. Set Occupy PC

When modify multi Operating Systems' IP addresses, some computers may not be able to login for malfunction. You can obligate IP to them (set as Occupy PC), which confirm the IP sequence not in disorder. After Net Clone finished, the IP addresses do not need to modify if you use the IP Fixing.

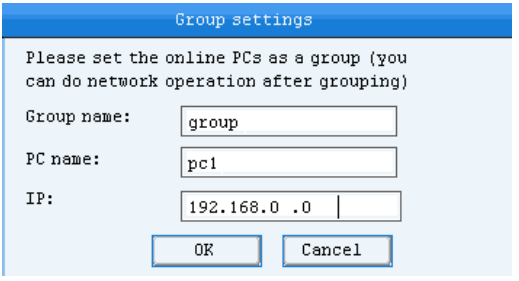
In the Master PC【wait for login】 menu, when a computer need to

obligate IP, click its number, choose 【set as Occupy PC】 in the pop up column, then this IP will be reserved, the next computer will auto allocate the next IP.



2.4. Grouping

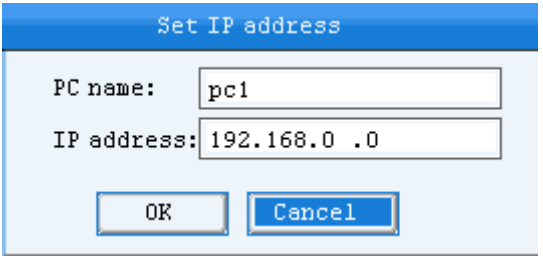
You can not choose when some computer is gray. When the needed computers are all logged in, click 【finish login】 will appear the following:



Group Name: Group name is used during logging in. Only computers in this selected group can login. Many groups can be set for separation purposes. (Similar to VLAN)

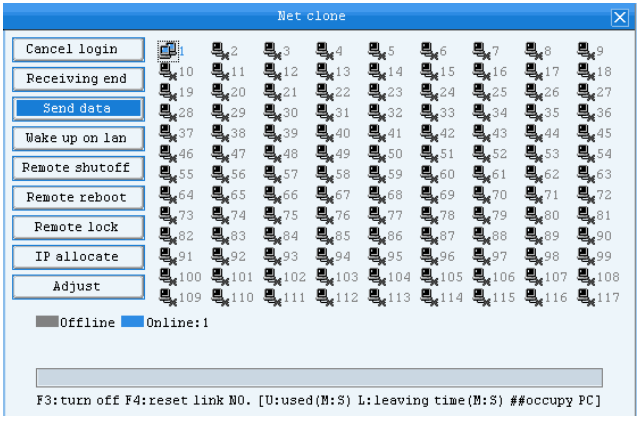
PC Name: Computer Name after netclone or Add Clone. If you leave it blank, the LOGIN NAME will show 【?】 while running netclone or Add Clone.

IP: Local IP Address setting



2.5. Send Data、Command and Modify IP

You can send data to all the online computers as the menu in the following:

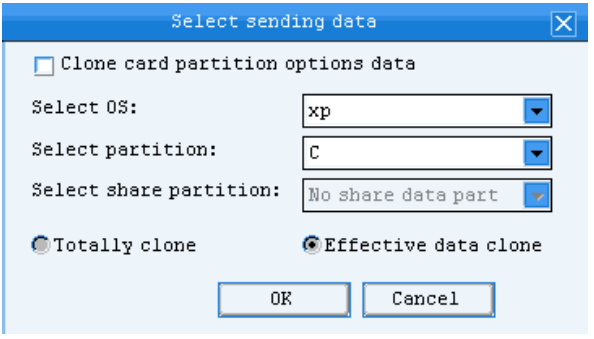


Cancel login: Cancel online status, and back to the 【wait for login】 situation

Client PC： Set this computer as Client PC, prepare to receive data.

Send data: send data to all the online computers

Click “send data”, it will pop up the following:



Clone card partition options' data： Select this means to clone OS-easy card's options' data and partition information.

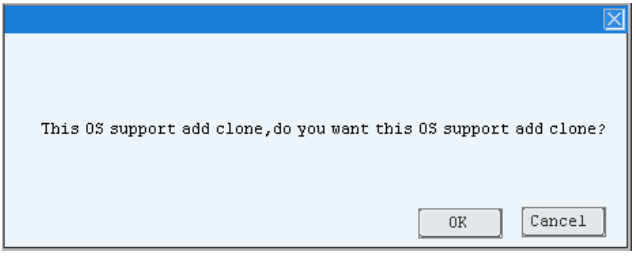
Choose OS： Choose the clone OS

Choose partition： Choose Operating System boot partition or private data partition

Choose share partition： Choose the sending share data partition

Totally clone or effective data clone: Choose to send the whole data or only send effective data (the actual data in the disk)

Click "OK", pop up the following:

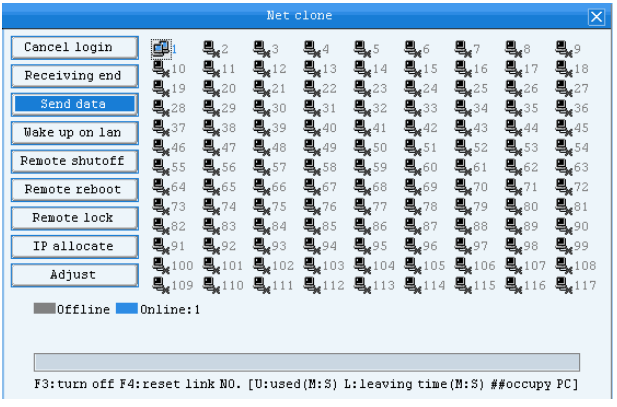


Click "OK", enter the clone menu.

Note:

1) If not choose all the protected partition of this OS, OS-easy card will prompt “cannot establish Add Clone Talk”.

2) OS-easy card chooses clone every OS one by one in order to establish Add Clone Talk.



Wake up on lan: Remote start the computers by the Master PC, you do not need to start client PCs one by one.

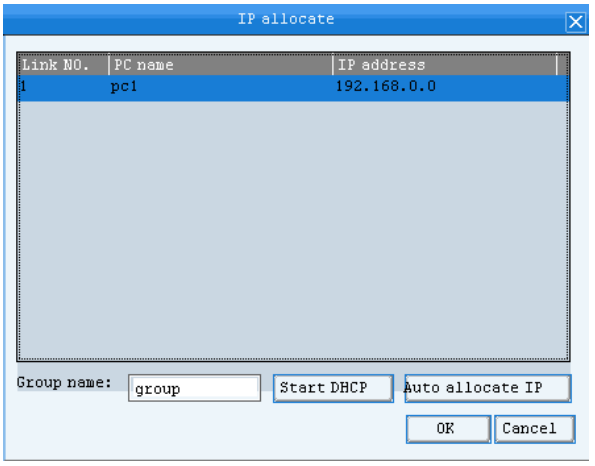
Remote shutoff: Shut down all the online computers.

Remote reboot: Reboot all the online computers.

Remote lock: Lock all the online computers’ keyboards and mouse (except Master PC). This function stops mis-operations to the Client PCs during the net clone process.

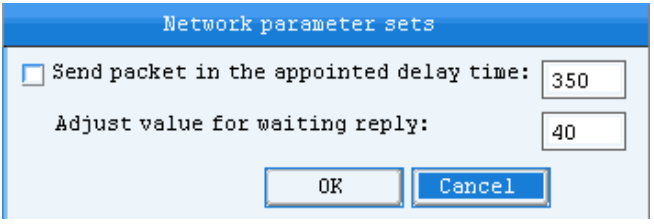
IP Allocate: Based on the Master PC, OS-easy card can auto add the IP and PC name one by one according the logging in order. So the PC names and IP addresses will be auto

modified.



All the online computers will show in the column, click "Auto IP Allocate", set IP and PC name to every computer. And manually modification is supported.

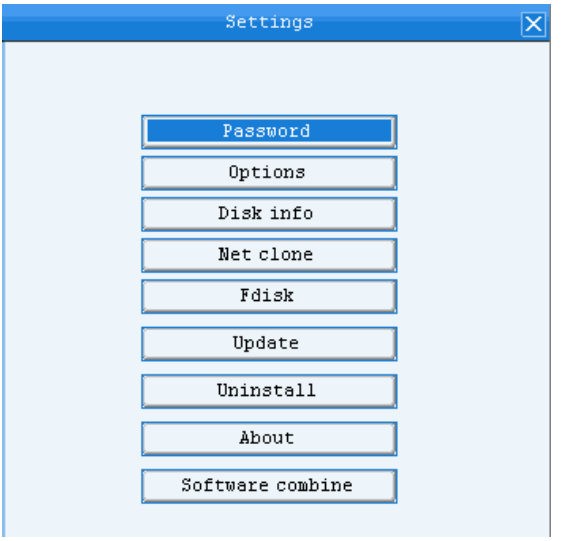
Adjust: OS-easy card can intelligently adjust options by the different network environments, which makes net clone in an excellent status, lose packet, lose connection will never happen again. The column is as follows:



Select “Send packet in the appointed delay time”, the reference value is “20”, please choose the perfect one.

Chapter 3 Settings

Press 【F10】 in the boot menu of OS-easy card, input supervise password (administrators password), then enter the OS-easy card’s system settings menu:

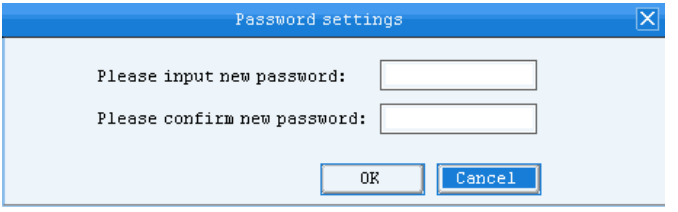


3.1. Password

Supervise password (Administrators Password)

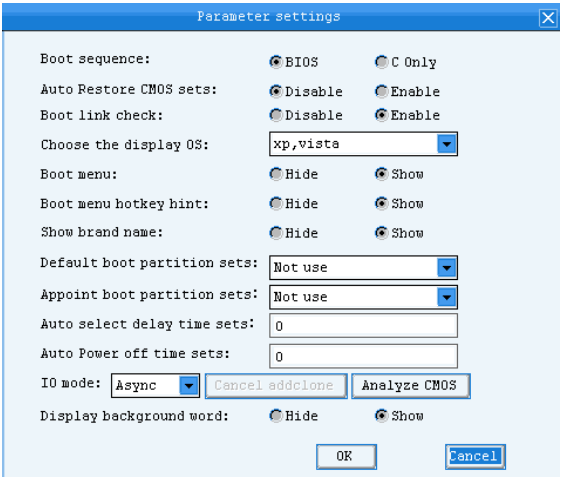
Input 0 to 10 character, default value is ENTER.

Enter 【settings】、【 supervise mode】、 or 【Add Clone】 function, you must use 【supervise password】.



3.2. Options

Choose options, appear the following menu:



1) Boot Sequence: BIOS (default)/C only

BIOS: OS-easy card boot sequence will follow the setting in the BIOS.

C only: Computer boots from C. Enabling this setting will protect your hard disk information from being destroyed in case the OS-easy card is removed without being uninstalled first. If the card is removed, the system will warn you that "lancard restore card not found", system cannot start.

2) Auto Restore CMOS settings: Disable (default) / Enable

OS-easy card can protect CMOS settings.

Disable: Default Value

Enable: If CMOS DATA is modified, it will be restored by the next rebooting.

3) Boot link check: Disable (default) / Enable

Disable: Not check if there is Master PC when rebooting.

Enable: Check if there is the same group Master PC existed when rebooting, if have, establish connection at once.

4) Choose the display OS: Disable (default) / choose

Disable: Display all Operating System

Choose: Choose the Operating System in the starting menu

5) Boot menu: Show (Default) / hide

Show: Show OS-easy card menu on every start

Hide: Do not show OS-easy card menu.

Note: when this option is selected, please combine with the default booting partition or the appointed partition, and auto select the time setting, otherwise, it will stop in the black screen on every start. Users don't know how to operate.

6) Boot menu hotkey hint: Show (Default) / Hidden

Show: Show hotkeys on boot menu

Hide: Do not show hotkey.

7) Show brand name: Show (Default) / Hidden

Show: Show brand name 【OS-easy card】 on boot menu

Hide: Do not show brand name. But can wake up by CTRL+L

8) Default boot partition settings: Disable (Default)/ Boot

partition name

Disable: Users' selected boot partition to start

Boot partition name: you can choose the select boot partition on every start.

9) Appoint boot partition settings: Disable (Default)/ Boot partition name

Disable: Do not force select boot partition.

Boot partition name: This function enables the administrator to preset the OS-easy card to boot only from a predetermined partition.

10) Auto select delay time settings: 0(Default)/1~99second

0: Users press 【Enter】 in the start menu to set a boot partition

1~99s: Auto enters the cursor to exist boot partition when the set several second have count down

Note: 1. this function is working with the Default Boot Partition Settings function

2. press 【Space】 during the count down to stop it

11) Auto Power off time settings: 0(Default)/1~60second

0: this function cannot be used

0~60s: system will auto power off if no operation have done during the start menu

12) Analyze CMOS

CMOS is under protection, analyze the CMOS parameter when there is different between the Master PC and the Client PC CMOS. Confirm the CMOS is protected, not affect the computer use.

13) Cancel Add Clone

You cannot change the options in the FDISK if the Add Clone Talk is established. If you want to modify it, you can choose Cancel Add Clone Talk. Please be cautious to use.

3.3. DISK INFO

The size setting can not be changed after Save and Exit. To change the partition size requires you to use FDISK again in Setup menu. All data in hard disk will be destroyed if FDISK is used. Changing File Systems is also not recommended unless you are installing a new OS in that partition. All other fields can be changed as your will.

3.4. Net Clone

Please refer to chapter 2.

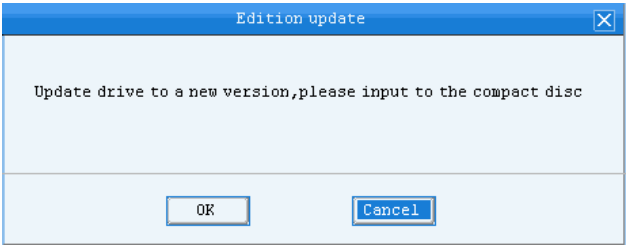
3.5. FDISK

FDISK is for repartitioning hard disk space without uninstalling OS-easy card.

Note: All the data in the hard drive will be destroyed permanently. Please think twice before using this function.（operation please refer to 1.2.2.）

3.6. UPDATE

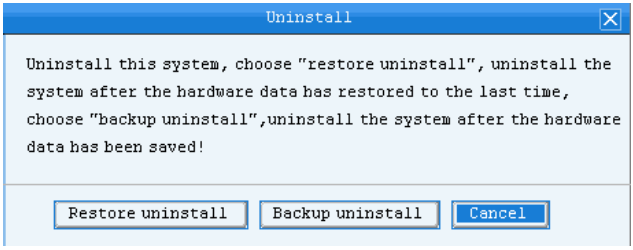
OS-easy card use the drive update method. You can just put the new drive in, and press 【Enter】, operate as the direction. Press random key to reboot when show finishing.



3.7. UNINSTALL

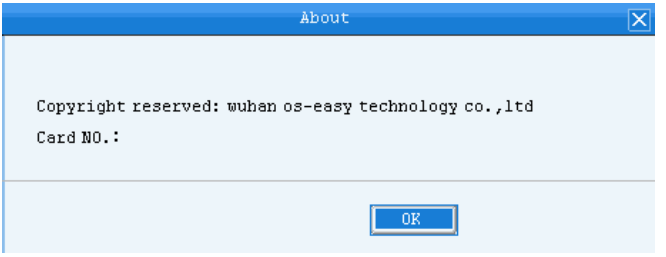
Uninstall OS-easy card from this computer.

Uninstall this system, choose “restore uninstall”, uninstall the system after the hardware data has restored to the last time status, choose “backup uninstall”, uninstall the system after the hardware data has been saved!


Uninstall
Uninstall this system, choose "restore uninstall", uninstall the system after the hardware data has restored to the last time, choose "backup uninstall",uninstall the system after the hardware data has been saved!
Restore uninstall
Backup uninstall
Cancel

3.8. ABOUT

Information is about OS-easy card's hardware and software versions and the card NO., you can check at http://www.os-easy.com



Chapter 4 Add Clone

Add Clone function is a stirring function in the OS-easy card. If you want to do any modification to all PCs in LAN after finishing the net clone, Add Clone function can help you to fulfill it, Add Clone can help you to deploy any changed part of the Master PC to all the computers in LAN.

a) Add new software (like auto CAD, Photoshop…)
b) New software upgrade
c) Uninstall software
d) Install windows patch
e) Upgrade anti-virus software
f) Build every exam environment
g) Modify option settings of software and windows
h) Install client end of the network software

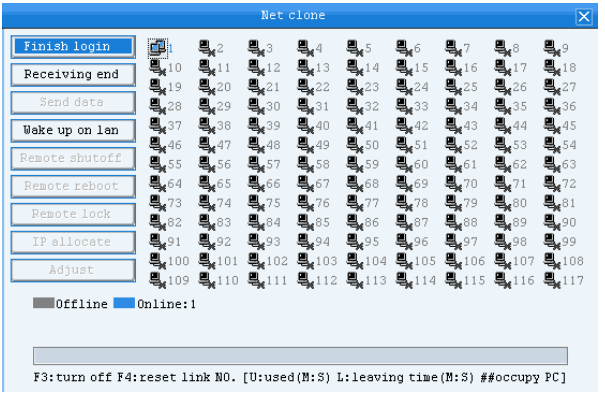
Precondition:

1) The Add Clone partition must be under protection
2) The OS must be built Add Clone Talk by net clone function.

4.1. First Operation in One Computer

OS-easy card allows you to install the Add Clone Content in WINDOWS as the Administrators Mode (Open Mode). And then you can do other operations.

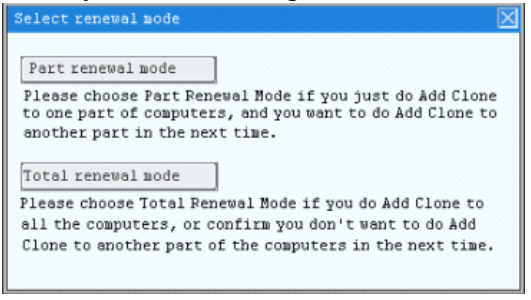
Enter Master PC with all the Add Clone Content has installed, reboot the computer, and choose the Add Clone OS during appearing the OS selecting menu. Press F8, input the password, and then enter the Add Clone main menu.



Enter Master PC, you can start the Client PCs by the Wake Up On LAN function.

4.3. Part Renewal and Total Renewal

Click Finish Login after all the computers finished connection. Then you will see the picture as follows:


Select renewal mode
Part renewal mode
Please choose Part Renewal Mode if you just do Add Clone to one part of computers, and you want to do Add Clone to another part in the next time.
Total renewal mode
Please choose Total Renewal Mode if you do Add Clone to all the computers, or confirm you don't want to do Add Clone to another part of the computers in the next time.

1) Part Renewal Mode

Please choose Part Renewal Mode if you just do Add Clone to one group of computers, and you want to do Add Clone to

another group in the next time.

2) Total Renewal Mode

Please choose Total Renewal Mode if you do Add Clone to all the computers in LAN, or confirm another group of the computers you don't want to do Add Clone in the next time.

4.4. Clone continuous function

1) During your net clone or add clone data from the Master PC to the Client PCs, power off the Master PC or any one of the Client PC, or any malfunctions cause to stop executing net clone or add clone;

2) Restart PCs when all of them is normal, and execute net clone or add clone again, it will appear the dialog box of "do you want to clone from the last break off point?";

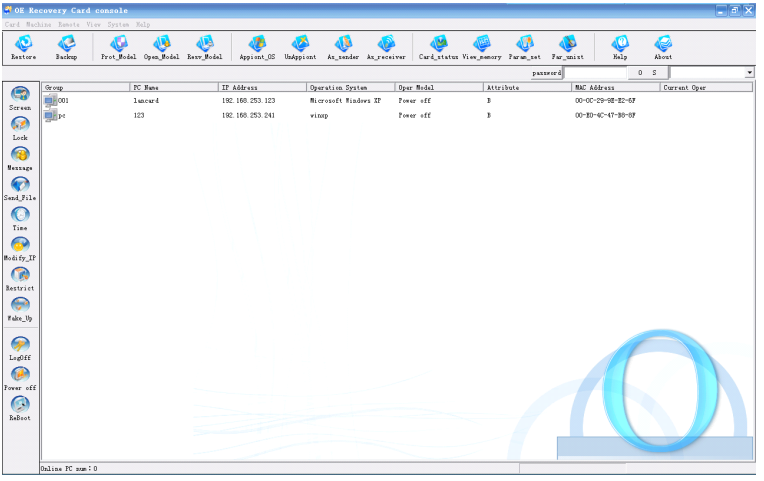
3) Select "yes", and you can clone from the last break off point, the last cloned data not need to clone once again, totally improve the net clone or add clone efficiency.

Chapter 5 Master control function

Master control function is realized in windows, which have the following functions:

- Allow/Forbid to use applications
- Allow/Forbid client PCs surfing
- Wake up on LAN
- File Deployment
- Monitoring
- Remote Recovery Mode Switching
- Remote Rebooting /Shutdown
- Remote setting parameter
- Time synchronizing

The shortcut of this software is as follows:



5.1. The installation methods

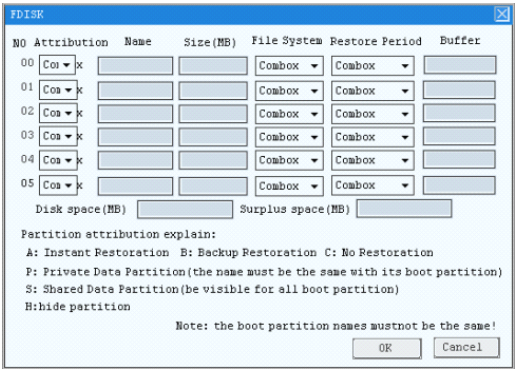
1) The Master Control software has two ends, the master end and the client end. Master end is the center to control all the client PCs. You can first install the client end in sample PC and add clone it to all the receiving computers, and then uninstall the client end software, install the Master end for controlling.
2) Install the Master end in the sample computer, and install the Client end in every Client PCs one by one, so you can remote control all the client computers.

Appendix 1、LINUX Installation

OS-easy card supports LINUX, the normal versions are REDHAT6.0-10.0、REDFLAG LINUX2.4. 、Ubuntu 8.0 and so on.

1. Partition requirement of installing LINUX

First, LINUX must use the B (Backup Restoration) attribution, File System must be EXT3, and then need to set as P (Private Data Partition)attribution, File System is SWAP exchange partition, its size must be twice of the memory space, commonly set as Private Data Partition, restore period is 【Not Use】.

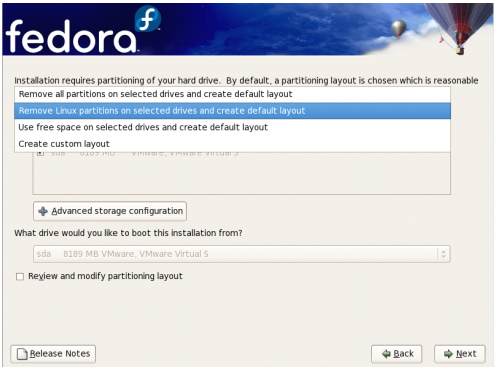

FDISK
NO Attribution Name Size(MB) File System Restore Period Buffer
00 Combox Combox
01 Combox Combox
02 Combox Combox
03 Combox Combox
04 Combox Combox
05 Combox Combox
Disk space(MB)
Surplus space(MB)
Partition attribution explain:
A: Instant Restoration B: Backup Restoration C: No Restoration
P: Private Data Partition(the name must be the same with its boot partition)
S: Shared Data Partition(be visible for all boot partition)
H:hide partition
Note: the boot partition names mustnot be the same!
OK
Cancel

2、Edit partition in LINUX installation

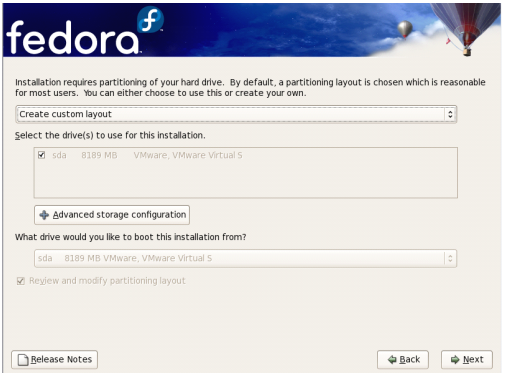
Put LINUX installation drive in Compact Disc, choose

LINUX in the boot menu of OS-easy card, start CD boot to enter installation.

Note: choose “create custom layout”.

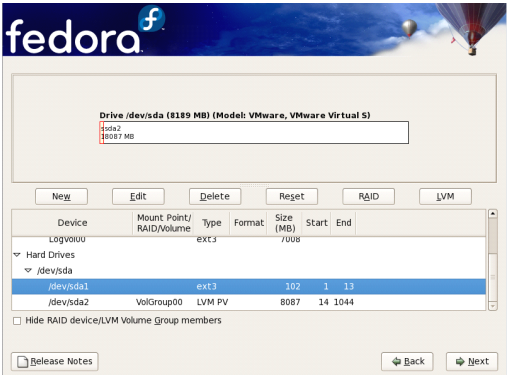

fedora
Installation requires partitioning of your hard drive. By default, a partitioning layout is chosen which is reasonable
Remove all partitions on selected drives and create default layout
Remove Linux partitions on selected drives and create default layout
Use free space on selected drives and create default layout
Create custom layout
Advanced storage configuration
What drive would you like to boot this installation from?
sda 8189 MB VMware, VMware Virtual S
Review and modify partitioning layout
Release Notes
Back
Next

Click “next” after you choose “create custom layout”, system will hint “format partition as”, select “YES”, pop up edit partition menu.

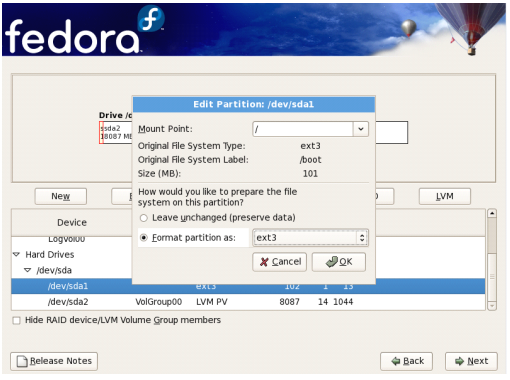

fedora
Installation requires partitioning of your hard drive. By default, a partitioning layout is chosen which is reasonable for most users. You can either choose to use this or create your own.
Create custom layout
Select the drive(s) to use for this installation.
sda 8189 MB VMware, VMware Virtual S
Advanced storage configuration
What drive would you like to boot this installation from?
sda 8189 MB VMware, VMware Virtual S
Review and modify partitioning layout
Release Notes
Back
Next

Select “Linux native” partition, click “edit” appears the

following:



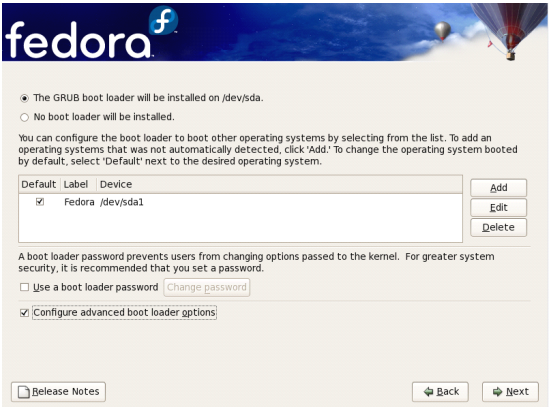
Then, click “format partition as ext3”, set “Mount Point” as “/”, click “ok”.



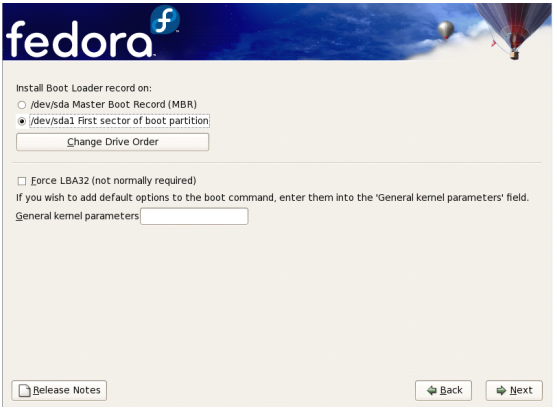
Clicking “continue” is back to edit partition menu, click “next” hint formatting partition, select “format”. It will enter “configure boot loader options”.

3、induct loading program settings

Enter “configure boot loader options” as follows:


fedora
The GRUB boot loader will be installed on /dev/sda.
No boot loader will be installed.
You can configure the boot loader to boot other operating systems by selecting from the list. To add an operating systems that was not automatically detected, click 'Add.' To change the operating system booted by default, select 'Default' next to the desired operating system.
Default
Label
Device
Fedora
/dev/sda1
Add
Edit
Delete
A boot loader password prevents users from changing options passed to the kernel. For greater system security, it is recommended that you set a password.
Use a boot loader password
Change password
Configure advanced boot loader options
Release Notes
Back
Next

“Configure advanced boot loader options” menu:


fedora
Install Boot Loader record on:
/dev/sda Master Boot Record (MBR)
/dev/sda1 First sector of boot partition
Change Drive Order
Force LBA32 (not normally required)
If you wish to add default options to the boot command, enter them into the 'General kernel parameters' field.
General kernel parameters
Release Notes
Back
Next

In the “install boot loader record on” option, please select

“dev/hda1 first sector of boot partition”, otherwise, the LINUX system cannot induct.

Then, finish LINUX installation by the normal steps.

4、backup after installation finish

In order to restore LINUX system, you have to backup LINUX after LINUX is installed. Reboot computer, select LINUX system in the boot menu of OS-easy card, press CTRL+B to backup system, and all the LINUX installation is finish.

Note: about other versions of Linux installation please refer to the other Linux installation manual provided by Os-easy technology.